

Table 6. Doctoral scientists and engineers, by field of doctorate and race/ethnicity: 2001

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Field of doctorate	Total	White ¹	Black	Asian/Pacific Islander	Hispanic	American Indian/Alaskan Native
[Number]						
All fields.....	656,550	526,900	16,060	95,120	16,410	2,060
Sciences.....	543,580	451,760	14,180	61,580	14,190	1,860
Computer and information sciences.....	11,230	7,300	220	3,440	260	S
Mathematical sciences.....	29,550	23,210	470	5,010	830	S
Biological and agricultural sciences.....	161,220	132,460	3,160	21,190	3,980	430
Agricultural/food sciences.....	19,870	16,150	410	2,580	650	80
Biological sciences.....	135,280	110,870	2,680	18,280	3,140	310
Environmental life sciences.....	6,070	5,430	80	330	190	S
Health sciences.....	23,700	19,410	1,140	2,360	680	110
Physical and related sciences.....	131,670	106,850	1,690	20,200	2,580	350
Chemistry except biochemistry.....	68,370	53,930	1,250	11,570	1,430	200
Earth/atmos/ocean sciences.....	19,190	16,960	110	1,670	390	60
Physics and astronomy.....	44,100	35,960	330	6,960	760	90
Social sciences.....	87,650	73,470	3,980	6,950	2,750	490
Economics.....	24,860	20,330	730	3,020	720	60
Political and related sciences.....	19,290	16,420	1,180	1,060	490	130
Sociology.....	16,130	13,810	950	760	540	70
Other social sciences.....	27,370	22,920	1,110	2,110	1,000	230
Psychology.....	98,560	89,060	3,510	2,430	3,110	440
Engineering.....	112,970	75,130	1,880	33,530	2,220	200
Aerospace/aeronautical engineering.....	4,620	3,750	70	720	80	S
Chemical engineering.....	15,950	10,650	230	4,750	300	S
Civil engineering.....	10,160	6,970	280	2,610	280	S
Electrical/computer engineering.....	30,490	19,370	490	10,010	570	60
Materials/metallurgical engineering.....	11,770	7,550	180	3,770	250	S
Mechanical engineering.....	14,310	8,770	190	5,010	310	S
Other engineering.....	25,680	18,080	440	6,660	440	50

See explanatory information and SOURCE at end of table.

Table 6. Doctoral scientists and engineers, by field of doctorate and race/ethnicity: 2001

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Field of doctorate	Total	White ¹	Black	Asian/Pacific Islander	Hispanic	American Indian/Alaskan Native
[Percent]						
All fields.....	100.0	80.3	2.4	14.5	2.5	0.3
Sciences.....	100.0	83.1	2.6	11.3	2.6	0.3
Computer and information sciences.....	100.0	65.0	2.0	30.6	2.4	S
Mathematical sciences.....	100.0	78.5	1.6	17.0	2.8	S
Biological and agricultural sciences.....	100.0	82.2	2.0	13.1	2.5	0.3
Agricultural/food sciences.....	100.0	81.3	2.1	13.0	3.3	0.4
Biological sciences.....	100.0	82.0	2.0	13.5	2.3	0.2
Environmental life sciences.....	100.0	89.5	1.3	5.5	3.1	S
Health sciences.....	100.0	81.9	4.8	10.0	2.9	0.5
Physical and related sciences.....	100.0	81.2	1.3	15.3	2.0	0.3
Chemistry except biochemistry.....	100.0	78.9	1.8	16.9	2.1	0.3
Earth/atmos/ocean sciences.....	100.0	88.4	0.5	8.7	2.0	0.3
Physics and astronomy.....	100.0	81.5	0.8	15.8	1.7	0.2
Social sciences.....	100.0	83.8	4.5	7.9	3.1	0.6
Economics.....	100.0	81.8	3.0	12.2	2.9	0.3
Political and related sciences.....	100.0	85.1	6.1	5.5	2.5	0.7
Sociology.....	100.0	85.6	5.9	4.7	3.3	0.4
Other social sciences.....	100.0	83.7	4.0	7.7	3.7	0.8
Psychology.....	100.0	90.4	3.6	2.5	3.2	0.4
Engineering.....	100.0	66.5	1.7	29.7	2.0	0.2
Aerospace/aeronautical engineering.....	100.0	81.1	1.6	15.5	1.7	S
Chemical engineering.....	100.0	66.8	1.5	29.8	1.9	S
Civil engineering.....	100.0	68.6	2.8	25.7	2.7	S
Electrical/computer engineering.....	100.0	63.5	1.6	32.8	1.9	0.2
Materials/metallurgical engineering.....	100.0	64.2	1.5	32.1	2.1	S
Mechanical engineering.....	100.0	61.3	1.3	35.0	2.1	S
Other engineering.....	100.0	70.4	1.7	25.9	1.7	0.2

¹ 'Other' race included with 'white'.

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases).

NOTES: The race/ethnicity data shown are for all doctoral recipients, including temporary residents. Numbers are rounded to nearest ten.

Details may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients